

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/533,817  
Source: PCT  
Date Processed by STIC: 6/6/06

***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 06/06/2006

PATENT APPLICATION: US/10/533,817

TIME: 11:25:19

Input Set : A:\42614002.APP

Output Set: N:\CRF4\06062006\J533817.raw

```

3 <110> APPLICANT: MANKELOW, TOSTI JON
4     SPRING, FRANCES ADRIENNE
5     PARSONS, STEPHEN FREDERICK
6     ANSTEE, DAVID JOHN
8 <120> TITLE OF INVENTION: ICAM-4 BINDING SITES
10 <130> FILE REFERENCE: 42614-0002
12 <140> CURRENT APPLICATION NUMBER: 10/533,817
13 <141> CURRENT FILING DATE: 2005-05-03
15 <150> PRIOR APPLICATION NUMBER: PCT/GB03/004744
16 <151> PRIOR FILING DATE: 2003-11-04
18 <150> PRIOR APPLICATION NUMBER: 60/423,391
19 <151> PRIOR FILING DATE: 2002-11-04
21 <150> PRIOR APPLICATION NUMBER: 60/431,721
22 <151> PRIOR FILING DATE: 2002-12-09
24 <160> NUMBER OF SEQ ID NOS: 40
26 <170> SOFTWARE: PatentIn version 3.3
28 <210> SEQ ID NO: 1
29 <211> LENGTH: 241
30 <212> TYPE: PRT
31 <213> ORGANISM: Homo sapiens
33 <400> SEQUENCE: 1
34 Ala Gln Ser Pro Lys Gly Ser Pro Leu Ala Pro Ser Gly Thr Ser Val
35 1          5          10          15
37 Pro Phe Trp Val Arg Met Ser Pro Glu Phe Val Ala Val Gln Pro Gly
38          20          25          30
40 Lys Ser Val Gln Leu Asn Cys Ser Asn Ser Cys Pro Gln Pro Gln Asn
41          35          40          45
43 Ser Ser Leu Arg Thr Pro Leu Arg Gln Gly Lys Thr Leu Arg Gly Pro
44          50          55          60
46 Gly Trp Val Ser Tyr Gln Leu Leu Asp Val Arg Ala Trp Ser Ser Leu
47 65          70          75          80
49 Ala His Cys Leu Val Thr Cys Ala Gly Lys Thr Arg Trp Ala Thr Ser
50          85          90          95
52 Arg Ile Thr Ala Tyr Lys Pro Pro His Ser Val Ile Leu Glu Pro Pro
53          100         105         110
55 Val Leu Lys Gly Arg Lys Tyr Thr Leu Arg Cys His Val Thr Gln Val
56          115         120         125
58 Phe Pro Val Gly Tyr Leu Val Val Thr Leu Arg His Gly Ser Arg Val
59          130         135         140
61 Ile Tyr Ser Glu Ser Leu Glu Arg Phe Thr Gly Leu Asp Leu Ala Asn
62 145         150         155         160
64 Val Thr Leu Thr Tyr Glu Phe Ala Ala Gly Pro Arg Asp Phe Trp Gln
65          165         170         175

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/533,817

DATE: 06/06/2006

TIME: 11:25:19

Input Set : A:\42614002.APP

Output Set: N:\CRF4\06062006\J533817.raw

```

67 Pro Val Ile Cys His Ala Arg Leu Asn Leu Asp Gly Leu Val Val Arg
68           180           185           190
70 Asn Ser Ser Ala Pro Ile Thr Leu Met Leu Ala Trp Ser Pro Ala Pro
71           195           200           205
73 Thr Ala Leu Ala Ser Gly Ser Ile Ala Ala Leu Val Gly Ile Leu Leu
74           210           215           220
76 Thr Val Gly Ala Ala Tyr Leu Cys Lys Cys Leu Ala Met Lys Ser Gln
77 225           230           235           240
79 Ala
83 <210> SEQ ID NO: 2
84 <211> LENGTH: 11
85 <212> TYPE: PRT
86 <213> ORGANISM: Homo sapiens
88 <400> SEQUENCE: 2
89 Pro Phe Trp Val Arg Met Ser Pro Glu Phe Val
90 1           5           10
93 <210> SEQ ID NO: 3
94 <211> LENGTH: 11
95 <212> TYPE: PRT
96 <213> ORGANISM: Homo sapiens
98 <400> SEQUENCE: 3
99 Lys Thr Arg Trp Ala Thr Ser Arg Ile Thr Ala
100 1           5           10
103 <210> SEQ ID NO: 4
104 <211> LENGTH: 11
105 <212> TYPE: PRT
106 <213> ORGANISM: Homo sapiens
108 <400> SEQUENCE: 4
109 Trp Ser Ser Leu Ala His Cys Leu Val Thr Cys
110 1           5           10
113 <210> SEQ ID NO: 5
114 <211> LENGTH: 11
115 <212> TYPE: PRT
116 <213> ORGANISM: Homo sapiens
118 <400> SEQUENCE: 5
119 Asn Val Thr Leu Thr Tyr Glu Phe Ala Ala Gly
120 1           5           10
123 <210> SEQ ID NO: 6
124 <211> LENGTH: 11
125 <212> TYPE: PRT
126 <213> ORGANISM: Homo sapiens
128 <400> SEQUENCE: 6
129 Gly Arg Lys Tyr Thr Leu Arg Cys His Val Thr
130 1           5           10
133 <210> SEQ ID NO: 7
134 <211> LENGTH: 8
135 <212> TYPE: PRT
136 <213> ORGANISM: Homo sapiens
138 <400> SEQUENCE: 7

```

## RAW SEQUENCE LISTING

DATE: 06/06/2006

PATENT APPLICATION: US/10/533,817

TIME: 11:25:19

Input Set : A:\42614002.APP

Output Set: N:\CRF4\06062006\J533817.raw

139 Gln Asn Ser Ser Leu Arg Thr Pro

140 1 5

143 &lt;210&gt; SEQ ID NO: 8

144 &lt;211&gt; LENGTH: 9

145 &lt;212&gt; TYPE: PRT

146 &lt;213&gt; ORGANISM: Homo sapiens

148 &lt;400&gt; SEQUENCE: 8

149 Leu Glu Arg Phe Thr Gly Leu Asp Leu

150 1 5

153 &lt;210&gt; SEQ ID NO: 9

154 &lt;211&gt; LENGTH: 9

155 &lt;212&gt; TYPE: PRT

156 &lt;213&gt; ORGANISM: Artificial Sequence

158 &lt;220&gt; FEATURE:

159 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

160 peptide

162 &lt;400&gt; SEQUENCE: 9

163 Ser Val Pro Phe Trp Val Arg Met Ser

164 1 5

167 &lt;210&gt; SEQ ID NO: 10

168 &lt;211&gt; LENGTH: 9

169 &lt;212&gt; TYPE: PRT

170 &lt;213&gt; ORGANISM: Artificial Sequence

172 &lt;220&gt; FEATURE:

173 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

174 peptide

176 &lt;400&gt; SEQUENCE: 10

177 Thr Arg Trp Ala Thr Ser Arg Ile Thr

178 1 5

181 &lt;210&gt; SEQ ID NO: 11

182 &lt;211&gt; LENGTH: 9

183 &lt;212&gt; TYPE: PRT

184 &lt;213&gt; ORGANISM: Artificial Sequence

186 &lt;220&gt; FEATURE:

187 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

188 peptide

190 &lt;400&gt; SEQUENCE: 11

191 Ala Trp Ser Ser Leu Ala His Cys Leu

192 1 5

195 &lt;210&gt; SEQ ID NO: 12

196 &lt;211&gt; LENGTH: 723

197 &lt;212&gt; TYPE: DNA

198 &lt;213&gt; ORGANISM: Homo sapiens

200 &lt;400&gt; SEQUENCE: 12

201 gcgcaaagcc ccaagggtag ccctctcgcg ccctccggga cctcagtgcc cttctgggtg 60

202 cgcatgagcc cggagttcgt ggctgtgcag ccggggaagt cagtgcagct caattgcagc 120

203 aacagctgtc cccagccgca gaattccagc ctccgcaccc cgctgcggca aggcaagacg 180

204 ctgagagggc cgggttgggt gtcttaccag ctgctcgacg tgagggcctg gagctccctc 240

205 gcgcactgcc tcgtgacctg cgcaggaaaa acacgctggg ccacctccag gatcaccgcc 300

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/533,817

DATE: 06/06/2006

TIME: 11:25:19

Input Set : A:\42614002.APP

Output Set: N:\CRF4\06062006\J533817.raw

```

206 taaaaaccgc cccacagcgt gattttggag cctccggtct taaagggcag gaaatacact 360
207 ttgcgctgcc acgtgacgca ggtgttcccc gtgggctact tgggtggtgac cctgaggcat 420
208 ggaagccggg tcatctattc cgaaagcctg gagcgcttca ccggcctgga tctggccaac 480
209 gtgaccttga cctacgagtt tgctgctgga ccccgcgact tctggcagcc cgtgatctgc 540
210 cacgcgcgcc tcaatctcga cggcctggtg gtccgcaaca gtcgggcacc cattacactg 600
211 atgctcgctt ggagccccgc gccacagct ttggcctccg gttccatcgc tgcccttgta 660
212 gggatcctcc tcaactgtggg cgctgcgtac ctatgcaagt gcctagctat gaagtcccag 720
213 gcg 723
216 <210> SEQ ID NO: 13
217 <211> LENGTH: 9
218 <212> TYPE: PRT
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
223 peptide
225 <400> SEQUENCE: 13
226 Arg Gln Gly Lys Thr Leu Arg Gly Pro
227 1 5
230 <210> SEQ ID NO: 14
231 <211> LENGTH: 21
232 <212> TYPE: DNA
233 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
237 oligonucleotide
239 <400> SEQUENCE: 14
240 agaaccact gcttactggc t 21
243 <210> SEQ ID NO: 15
244 <211> LENGTH: 20
245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
250 oligonucleotide
252 <400> SEQUENCE: 15
253 tgagcctgct tccagcagca 20
256 <210> SEQ ID NO: 16
257 <211> LENGTH: 21
258 <212> TYPE: DNA
259 <213> ORGANISM: Artificial Sequence
261 <220> FEATURE:
262 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
263 oligonucleotide
265 <400> SEQUENCE: 16
266 tcagtgcccg cctgggtgcg c 21
269 <210> SEQ ID NO: 17
270 <211> LENGTH: 21
271 <212> TYPE: DNA
272 <213> ORGANISM: Artificial Sequence

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/533,817

DATE: 06/06/2006

TIME: 11:25:19

Input Set : A:\42614002.APP

Output Set: N:\CRF4\06062006\J533817.raw

```

274 <220> FEATURE:
275 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
276     oligonucleotide
278 <400> SEQUENCE: 17
279 gcgcacccag gcgggcactg a                                21
282 <210> SEQ ID NO: 18
283 <211> LENGTH: 21
284 <212> TYPE: DNA
285 <213> ORGANISM: Artificial Sequence
287 <220> FEATURE:
288 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
289     oligonucleotide
291 <400> SEQUENCE: 18
292 gtgcccttcg cggcgcgcgc g                                21
295 <210> SEQ ID NO: 19
296 <211> LENGTH: 21
297 <212> TYPE: DNA
298 <213> ORGANISM: Artificial Sequence
300 <220> FEATURE:
301 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
302     oligonucleotide
304 <400> SEQUENCE: 19
305 catgcgcacc gcgaagggca c                                21
308 <210> SEQ ID NO: 20
309 <211> LENGTH: 21
310 <212> TYPE: DNA
311 <213> ORGANISM: Artificial Sequence
313 <220> FEATURE:
314 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
315     oligonucleotide
317 <400> SEQUENCE: 20
318 cccttctgga cgcgcgcgcgc c                                21
321 <210> SEQ ID NO: 21
322 <211> LENGTH: 21
323 <212> TYPE: DNA
324 <213> ORGANISM: Artificial Sequence
326 <220> FEATURE:
327 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
328     oligonucleotide
330 <400> SEQUENCE: 21
331 gctcatgcgc gtccagaagg g                                21
334 <210> SEQ ID NO: 22
335 <211> LENGTH: 20
336 <212> TYPE: DNA
337 <213> ORGANISM: Artificial Sequence
339 <220> FEATURE:
340 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
341     oligonucleotide
343 <400> SEQUENCE: 22

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/533,817

DATE: 06/06/2006

TIME: 11:25:20

Input Set : A:\42614002.APP

Output Set: N:\CRF4\06062006\J533817.raw